

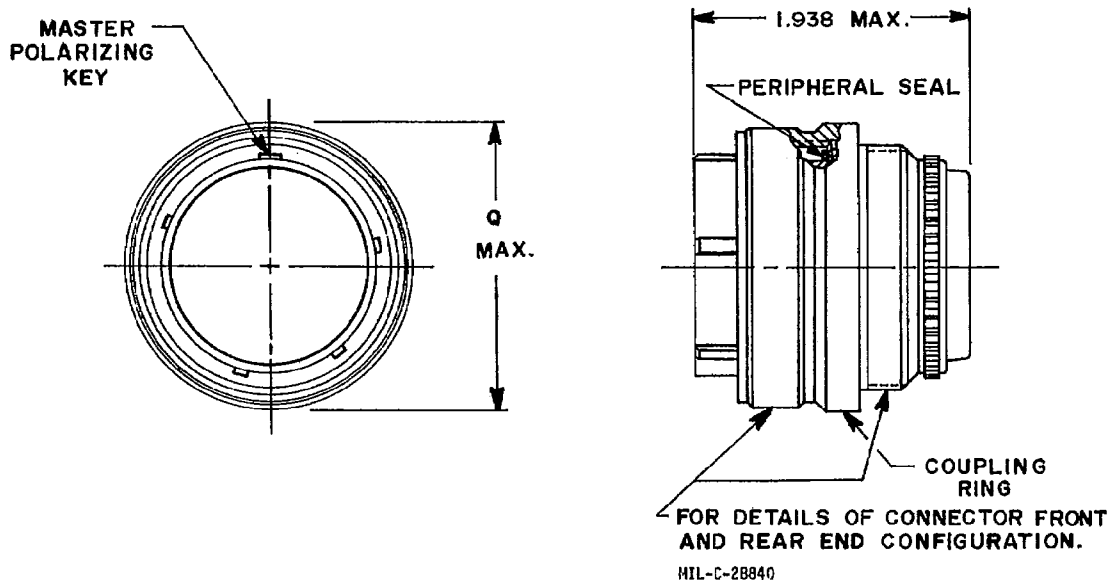
MIL-C-28840/16A(EC)
 26 May 1981
 SUPERSEDING
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 1 May 1978

MILITARY SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, SCREW THREADS, HIGH DENSITY,
 HIGH SHOCK, SHIPBOARD, CRIMP CONTACTS PLUG, CLASSES D AND DS

This specification sheet is approved for use by the Naval Electronic Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the connectors described herein shall consist of this document and the latest issue of specification MIL-C-28840.



INCHES	MM
1.938	49.24

FIGURE 1. Dimensions and configuration.

Ⓐ TABLE I. Dimensions and configuration

DESIGNATOR 1/	Q DIA. MAX.	FOR INSERT ARRANGEMENT MIL-STD-1698
A (11)	1.028 (26.11)	Section 90
B (13)	1.141 (28.98)	Section 10
C (15)	1.263 (32.08)	Section 20
D (17)	1.387 (35.23)	Section 30
E (19)	1.513 (38.43)	Section 40
F (23)	1.703 (43.26)	Section 50
G (25)	1.825 (46.36)	Section 60
H (29)	2.143 (54.43)	Section 70
J (33)	2.329 (59.16)	Section 80

NOTES

1. Shell sizes are provided within parentheses for information and are not a part of the designator.
2. Dimensions are in inches.
3. Metric equivalents (to the Nearest .01 mm) are given for general information only and are based upon 1.0 inch equals 25.4 mm.
4. Dimensions apply after plating.
5. Normal mating key position shown. For alternate key positions see MIL-C-28840, figure 3.

REQUIREMENTS:

Dimensions and configuration: See figure and table 1.

Classes: D and DS

Insert Arrangements: See the section of MIL-STD-1698 corresponding to desired shell size.

Contacts: Style P or S crimp type.

Shell polarization: 1 thru 6, key position

Marking: Part number on shell.

Mating counterpart: Receptacle connectors specified in MIL-C-28840 /10,11,12,14,20 &21

Installation and removal tool: As specified in MIL-I-81969/33 and /34

Ⓐ A backshell shall be used to meet the moisture and water pressure requirements.

EXAMPLE OF PART NUMBER M28840 /16 A G 1 P 1

